

Fig. 1 - Home System

- 210 PC to PC  
211 Repeated a hub chip 103 using NP0, NP1 and NP2  
220 PC to printer  
221 Printer protocol NP1 is picked up by CPU 104 via 103 and 115  
222 sent to printer 132 via 102 and 115  
223 sent to printers 132 via 102 and 115, optionally buffering it in storage  
105, 106 and 107 or any combination thereof  
230 PC to Internet  
231 TCP/IP (NP2) is picked up by CPU 104  
232 then processed into AU 101  
233 for transmissions to ISP equipment 120 via port 111 and communication  
network 110  
240 PC to ISP  
241 TCP/IP (NP2) is picked up by CPU 104  
242 then processed into AU 101  
243 for transmissions to ISP equipment 120 via port 111 and communication  
network 110  
244 then going onto server 123

**Figure 2 - Routing Examples**

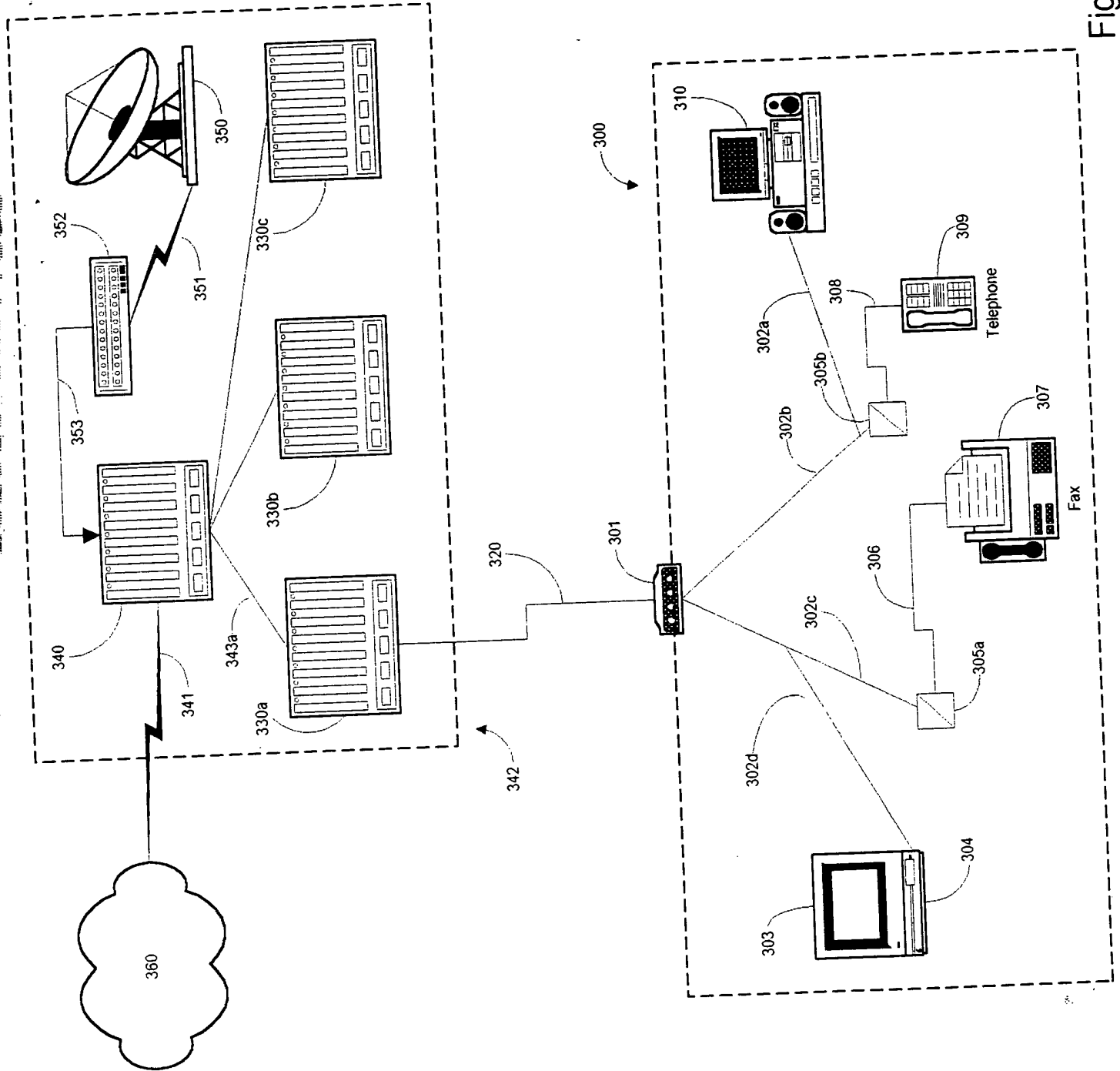


Fig. 3